

# A SYSTEM FOR DISTRIBUTING AND CONTROLLING COLOR REPRODUCTION AT MULTIPLE SITES

## Abstract

The system controls color reproduction in a network of nodes (sites) each having at least one rendering device. The system distributes input color image data from one node to other nodes, and provides a data structure (virtual proof) in the network. The system provides color calibration data at each node characterizing output colors of the rendering device of the node, information at each node, responsive to such color calibration data, for transforming the input color image data into output color image data at the rendering device of the node, and then stores the information in the data structure. The system transforms the input color image data into output color image data for the rendering device of each node responsive to the information in the data structure, wherein colors of the reproduction at rendering devices of the nodes appear substantially the same within output colors attainable by the rendering devices.